



RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/703,350A

DATE: 06/06/2002
TIME: 15:02:58

Input Set : A:\09-703,350 sequence listing.txt
Output Set: N:\CRF3\06062002\I703350A.raw

ENTERED

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3 <110> APPLICANT: GERRITSEN, MARY
4     MCHHRABAN, FAUD
5     RASTELLI, LUCA
7 <120> TITLE OF INVENTION: DIFFERENTIALLY EXPRESSED GENES INVOLVED IN
8     ANGIOGENESIS, THE POLYPEPTIDES THEREBY, AND METHODS OF
9     USING THE SAME
11 <130> FILE REFERENCE: 10716/15
13 <140> CURRENT APPLICATION NUMBER: 09/703,350A
14 <141> CURRENT FILING DATE: 2000-10-31
16 <150> PRIOR APPLICATION NUMBER: 60/196,802
17 <151> PRIOR FILING DATE: 2000-04-13
19 <160> NUMBER OF SEQ ID NOS: 74
21 <170> SOFTWARE: PatentIn Ver. 2.1
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 1434
25 <212> TYPE: DNA
26 <213> ORGANISM: Sclerotinia sclerotiorum
28 <220> FEATURE:
29 <221> NAME/KEY: modified_base
30 <222> LOCATION: (473)
31 <223> OTHER INFORMATION: a, t, c, g, other or unknown
33 <220> FEATURE:
34 <221> NAME/KEY: modified_base
35 <222> LOCATION: (599)
36 <223> OTHER INFORMATION: a, t, c, g, other or unknown
38 <220> FEATURE:
39 <221> NAME/KEY: modified_base
40 <222> LOCATION: (1426)
41 <223> OTHER INFORMATION: a, t, c, g, other or unknown
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45 gccgcgcgccc cctcgatggg gtgttgaaaa gtctcctcta gagctttgga aggctgaatg 120
46 cactaaacat gaagagcttg aaagcgaagt tcaggaagag tgacaccaat gaggcgaaca 180
47 agaattgatga ccggtacttg caggccgttg agaattggaga tgcggagaag gtggcctcac 240
48 tgctcggcaa gaaggggacc agtgccacca aacacgacag tgagggcaag accgctttcc 300
49 atcttgctgc tgcaaaagga cactgtggaat gcctcagggt catgattaca catggtgtgg 360
50 atgtgacagc ccaagatact accggacaca gcgccttaca tctcgagcc aagaacagcc 420
W--> 51 accatgaatg catcaggaag ctgcttcagt ctaaattgcc agccgaaagt gtngacagct 480
52 ctgggaaaaac agctttacat tatgcagcgg ctcagggctg ccttcaagct gtgcagattc 540
W--> 53 tctgcgaaca caagagcccc ataaacctca aagatttgga tgggaatata ccgctgctnc 600
54 ttgctgtaca aaatgggtcac agtgagatct gtcaactttct cctggatcat ggagcagatg 660
55 tcaattccag gaacaaaagt ggaagaactg ctctcatgct ggcctgtgag attggcagct 720
56 ctaacgctgt ggaagcctta attaaaaagg gtgcagacct aaaccttgta gattctcttg 780

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/703,350A

DATE: 06/06/2002

TIME: 15:42:58

Input Set : A:\09-703,350 sequence listing.txt

Output Set: N:\CRF3\06062002\I703350A.raw

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TECH CENTER 1600/2900

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57 gatacaatgc cttacattat tccaaactct cagaaaatgc aggaattcaa agccttctat 840
58 tatcaaaaat ctctcaggat gctgatttaa agacccaac aaaaccaaag cagcatgacc 900
59 aagtctctaa aataagctca gaaagaagtg gaactccaaa aaaacgcaa gctccaccac 960
60 ctctatcag tcctacccag ttgagtgatg tctcttcccc aagatcaata acttcgactc 1020
61 cactatcggg aaaggaatcg gtattttttg ctgaaccacc cttcaaggct gagatcagtt 1080
62 ctatacgaga aaacaaagac agactaagtg acagtactac aggtgctgat agcttatttg 1140
63 atataagttc tgaagctgac caacaagatc ttctctctct attgcaagca aaagttgctt 1200
64 cccttacctt acacaataag gagttacaag ataaattaca ggccaaatca cccaaggagg 1260
65 cggaagcaga cctaagcttt gactcatacc attccacca aactgacttg ggcccatccc 1320
66 tggggaaaac ctggtgaaac ctctccccc gactccaaat catctccatc tgtcttaata 1380
W--> 67 cattcttttag gtaaattccac tactggcaat gatgtcagaa ttcagncaac tggc 1434
70 <210> SEQ ID NO: 2
71 <211> LENGTH: 1458
72 <212> TYPE: DNA
73 <213> ORGANISM: Homo sapiens
75 <220> FEATURE:
76 <221> NAME/KEY: modified_base
77 <222> LOCATION: (72)
78 <223> OTHER INFORMATION: a, t, c, g, other or unknown
80 <400> SEQUENCE: 2
81 tctagatcct attggcaaag ccacacttgt gaaatctacc ccggtcaatg taccatcag 60
W--> 82 tcagaaatth antgatctgt ttgagaagat ggttcccgty tcagtacagc agtctttggc 120
83 tgectataat cagaggaaaag ccgatttggt taacagatca attgctcaga tgagagaagc 180
84 caccactttg gcaaattggg tgctagcttc ccttaatctt ccagcagcaa ttgaagatgt 240
85 gtctggagac actgtacctc agtctatatt gactaaatcc agatctgtga ttgaacaggg 300
86 aggcattccag actgttgatc agttgattaa agaactgcct gaattactgc aacgaaatag 360
87 agaaatccta gatgagtcac taagggttgt ggatgaagaa gaagcaaccg ataatgattt 420
88 aagagcaaaa tttaagggaac gttggcaaag gacacatcc aatgaactgt ataagccttt 480
89 aagagcagag ggaaccaact tcagaacagt tttagataaa gctgtgcagg cagatggaca 540
90 agtgaaagaa tgttaccagt ctcatcgtga caccatcgtg cttttgtgta agccagagcc 600
91 tgagctgaat gctgccatcc cttctgctaa tccagcaaag accatgcagg gcagtgaggt 660
92 tgtaaatgtc ttaaaatcct tattgtcaaa tcttgatgaa gtaaagaagg aaagagagg 720
93 tctggagaat gacttgaaat ctgtgaattt tgacatgaca agcaagtttt tgacagccct 780
94 ggctcaagat ggtgtgataa atgaagaagc tctttctgtt actgaactag atcagagtcta 840
95 tggagggtctt acaactaaag tccaagaatc tctaaagaaa caggagggac ttcttaaaaa 900
96 tattcagggtc tcacatcagg aattttcgaa aatgaaacaa tctaataatg aagctaactt 960
97 aagagaagaa gttttgaaga atttagctac tgcatatgac aactttgttg aacttgtagc 1020
98 taatttgaaag gaaggcacia agttttacaa tgagttgact gaaatcctgg tcagggtcca 1080
99 gaacaaatgc agtgatatag tttttgcacg gaagacagaa agagatgaac tcttaaagga 1140
100 cttgcaacaa agcattgcca gagaacctag tgctccttca attcctacac ctgcgtatca 1200
101 gtcctcacca gcaggaggac atgcaccaac tcctccaact ccagcgccaa gaaccatgcc 1260
102 gcctactaag ccccgagccc cagccaggcc tccaccacct gtgcttccag caaatcgagc 1320
103 tccttctgct actgctccat ctccagtggg ggctgggact gctgcgccag ttccatcaac 1380
104 aaacgcctgg ctgagctcct cctccacagg cgcagggacc accctatccc acctatccag 1440
105 gatatacctg gtattgcc 1458
108 <210> SEQ ID NO: 3
109 <211> LENGTH: 21
110 <212> TYPE: DNA
111 <213> ORGANISM: Artificial Sequence

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113 <220> FEATURE:
114 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
116 <400> SEQUENCE: 3
117 gacgttctct cagcacgttc g 21
120 <210> SEQ ID NO: 4
121 <211> LENGTH: 21
122 <212> TYPE: DNA
123 <213> ORGANISM: Artificial Sequence
125 <220> FEATURE:
126 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
128 <400> SEQUENCE: 4
129 cacctttccg gcttcatctt c 21
132 <210> SEQ ID NO: 5
133 <211> LENGTH: 19
134 <212> TYPE: DNA
135 <213> ORGANISM: Artificial Sequence
137 <220> FEATURE:
138 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe
140 <400> SEQUENCE: 5
141 cgaatgccgg cctctgcgg 19
144 <210> SEQ ID NO: 6
145 <211> LENGTH: 17
146 <212> TYPE: DNA
147 <213> ORGANISM: Artificial Sequence
149 <220> FEATURE:
150 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
152 <400> SEQUENCE: 6
153 cgagtggcgg ctcaaaa 17
156 <210> SEQ ID NO: 7
157 <211> LENGTH: 18
158 <212> TYPE: DNA
159 <213> ORGANISM: Artificial Sequence
161 <220> FEATURE:
162 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
164 <400> SEQUENCE: 7
165 ccgcagccga cctgtaga . 18
168 <210> SEQ ID NO: 8
169 <211> LENGTH: 26
170 <212> TYPE: DNA
171 <213> ORGANISM: Artificial Sequence
173 <220> FEATURE:
174 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe
176 <400> SEQUENCE: 8
177 tcagctgaag tggttcgttg cctcaa 26
180 <210> SEQ ID NO: 9
181 <211> LENGTH: 21
182 <212> TYPE: DNA
183 <213> ORGANISM: Artificial Sequence
185 <220> FEATURE:

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186 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
188 <400> SEQUENCE: 9
189 ccttagctga ctccccaggt t 21
192 <210> SEQ ID NO: 10
193 <211> LENGTH: 19
194 <212> TYPE: DNA
195 <213> ORGANISM: Artificial Sequence
197 <220> FEATURE:
198 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
200 <400> SEQUENCE: 10
201 ctgcagcttc ccctcgatt 19
204 <210> SEQ ID NO: 11
205 <211> LENGTH: 20
206 <212> TYPE: DNA
207 <213> ORGANISM: Artificial Sequence
209 <220> FEATURE:
210 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe
212 <400> SEQUENCE: 11
213 cctgaacgag cgcctgggcc 20
216 <210> SEQ ID NO: 12
217 <211> LENGTH: 22
218 <212> TYPE: DNA
219 <213> ORGANISM: Artificial Sequence
221 <220> FEATURE:
222 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
224 <400> SEQUENCE: 12
225 gcatgaagga atttgaccat cc 22
228 <210> SEQ ID NO: 13
229 <211> LENGTH: 21
230 <212> TYPE: DNA
231 <213> ORGANISM: Artificial Sequence
233 <220> FEATURE:
234 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
236 <400> SEQUENCE: 13
237 tctctcgttc agaaccctgg a 21
240 <210> SEQ ID NO: 14
241 <211> LENGTH: 26
242 <212> TYPE: DNA
243 <213> ORGANISM: Artificial Sequence
245 <220> FEATURE:
246 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe
248 <400> SEQUENCE: 14
249 cagacaccga tgagcctcat gacgtt 26
252 <210> SEQ ID NO: 15
253 <211> LENGTH: 22
254 <212> TYPE: DNA
255 <213> ORGANISM: Artificial Sequence
257 <220> FEATURE:
258 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer

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RAW SEQUENCE LISTING

DATE: 06/06/2002

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TIME: 15:02:58

Input Set : A:\09-703,350 sequence listing.txt

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260 <400> SEQUENCE: 15
261 gcctgttcac caagattgac ac 22
264 <210> SEQ ID NO: 16
265 <211> LENGTH: 18
266 <212> TYPE: DNA
267 <213> ORGANISM: Artificial Sequence
269 <220> FEATURE:
270 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
272 <400> SEQUENCE: 16
273 gcctcgaagt cgctgctg 18
276 <210> SEQ ID NO: 17
277 <211> LENGTH: 21
278 <212> TYPE: DNA
279 <213> ORGANISM: Artificial Sequence
281 <220> FEATURE:
282 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe
284 <400> SEQUENCE: 17
285 ttgcgcccga tgagatcacc g 21
288 <210> SEQ ID NO: 18
289 <211> LENGTH: 21
290 <212> TYPE: DNA
291 <213> ORGANISM: Artificial Sequence
293 <220> FEATURE:
294 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
296 <400> SEQUENCE: 18
297 ccaactctgc accgttctag g 21
300 <210> SEQ ID NO: 19
301 <211> LENGTH: 22
302 <212> TYPE: DNA
303 <213> ORGANISM: Artificial Sequence
305 <220> FEATURE:
306 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
308 <400> SEQUENCE: 19
309 ggtatgcatg gcatacgtaa gc 22
312 <210> SEQ ID NO: 20
313 <211> LENGTH: 19
314 <212> TYPE: DNA
315 <213> ORGANISM: Artificial Sequence
317 <220> FEATURE:
318 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe
320 <400> SEQUENCE: 20
321 ccgatggctg cctccggt 19
324 <210> SEQ ID NO: 21
325 <211> LENGTH: 21
326 <212> TYPE: DNA
327 <213> ORGANISM: Artificial Sequence
329 <220> FEATURE:
330 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
332 <400> SEQUENCE: 21

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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 06/06/2002
PATENT APPLICATION: US/09/703,350A TIME: 15:02:59

Input Set : A:\09-703,350 sequence listing.txt
Output Set: N:\CRF3\06062002\I703350A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 473,599,1426

Seq#:2; N Pos. 72